Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 15 Jun 2023 until 23:59 on Friday 16 Jun 2023

Forecast Issued on Thursday 15 Jun 2023 at 02:51

Confidence: High for generally fine weather, but lower confidence for cloud details and chance of any thunderstorms by Friday and weekend.

Headline for Thursday 15 Jun 2023: A fine day is most likely with lengthy sunny spells. Very warm by afternoon.

Mountain weather hazards on Thursday 15 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny	Sunny	Sunny	Clear night
Precipitation probability					
<05%	<05%	10%	10%	10%	<05%

Forecast for Thursday 15 Jun 2023

Weather: Any early fog patches in some valleys and patchy low cloud soon clearing after dawn to leave plenty of strong sunshine. Feeling very warm at most elevations by afternoon with easterly winds remaining light at all elevations giving minimal cooling effects. Low risk of an isolated thunderstorm developing during the afternoon and into the evening period.

Chance of cloud-free hill tops above 600m: 80% soon becoming 100%

Low cloud and visibility: Any early fog and patchy low cloud will soon lift and break, with subsequent cloud being well above the hilltops. Visibility will be good with clear views of distant hills, but briefly very poor in any early fog or low cloud, and temporarily poor in any isolated heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 15 Jun 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/17 E	11/15 E	10/14 E	9/13 E	14/20 E	13/22 E	14/22 SE
300	6/8 NE	9/14 E	8/13 E	5/9 SE	12/20 E	10/22 E	11/21 E
Valley	12/18 E	10/17 E	7/13 SE	4/9 SE	10/19 E	11/21 E	9/18 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/12	14/13	18/16	20/18	18/15	15/13	14/11
300	15/14	18/16	21/19	23/22	21/18	18/16	16/14
Valley	16/13	19/17	23/21	24/23	22/20	18/16	16/15
Freezing Level*	2100m	2100m	2200m	2600m	2600m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels in strong sunshine and very warm temperatures mean that appropriate sun protection and adequate hydration is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 15 Jun 2023	0mm	0mm	3mm

Forecast for Friday 16 Jun 2023

Weather: A dry, warm and sunny morning. Low risk of cloud bubbling up in afternoon and early evening to give an isolated thunderstorm. Light easterly or southeasterly winds, but possibly higher gusts near any thunderstorm. Perhaps rather more cloud developing above summits for a time, compared to recent days.

Maximum wind: Easterly or southeasterly 10-15 mph.

Chance of cloud-free hill tops above 600m: Near 100%.

Low cloud and visibility: Good or very good visibility, with clear views of distant hills, but reducing to moderate near any thunderstorms.

Temperature: **Valleys:** Plus 13 degrees Celsius becoming plus 28 degrees Celsius by late afternoon
At 600m: Plus 11 degrees Celsius becoming plus 20 degrees Celsius by late afternoon
Freezing level: Well above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.